

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	CSHPP-0007-00(550) CSSTP-M002-00(960)	49	178

GENERAL NOTES

SPECIFICATIONS - GEORGIA STANDARD SPECIFICATIONS, 2001 EDITION AND 2008 SUPPLEMENTAL SPECIFICATIONS, AS MODIFIED BY CONTRACT DOCUMENTS.

REINFORCING STEEL - PLACE AND TIE ALL REINFORCING STEEL IN ACCORDANCE WITH GEORGIA DOT SPECIFICATIONS. DO NOT WELD REINFORCING STEEL.

FINISH - PROVIDE PLAIN CONCRETE FINISH.

GRAFFITI PROOF COATING - ALL MSE WALL PANELS SHALL HAVE A GRAFFITI PROOF COATING AS PER SECTION 838 OF THE GEORGIA DOT SPECIFICATIONS.

JOINTS - PROVIDE ONE INCH EXPANSION JOINTS IN COPING AT LOCATIONS OF EXPANSION JOINTS IN BARRIER.

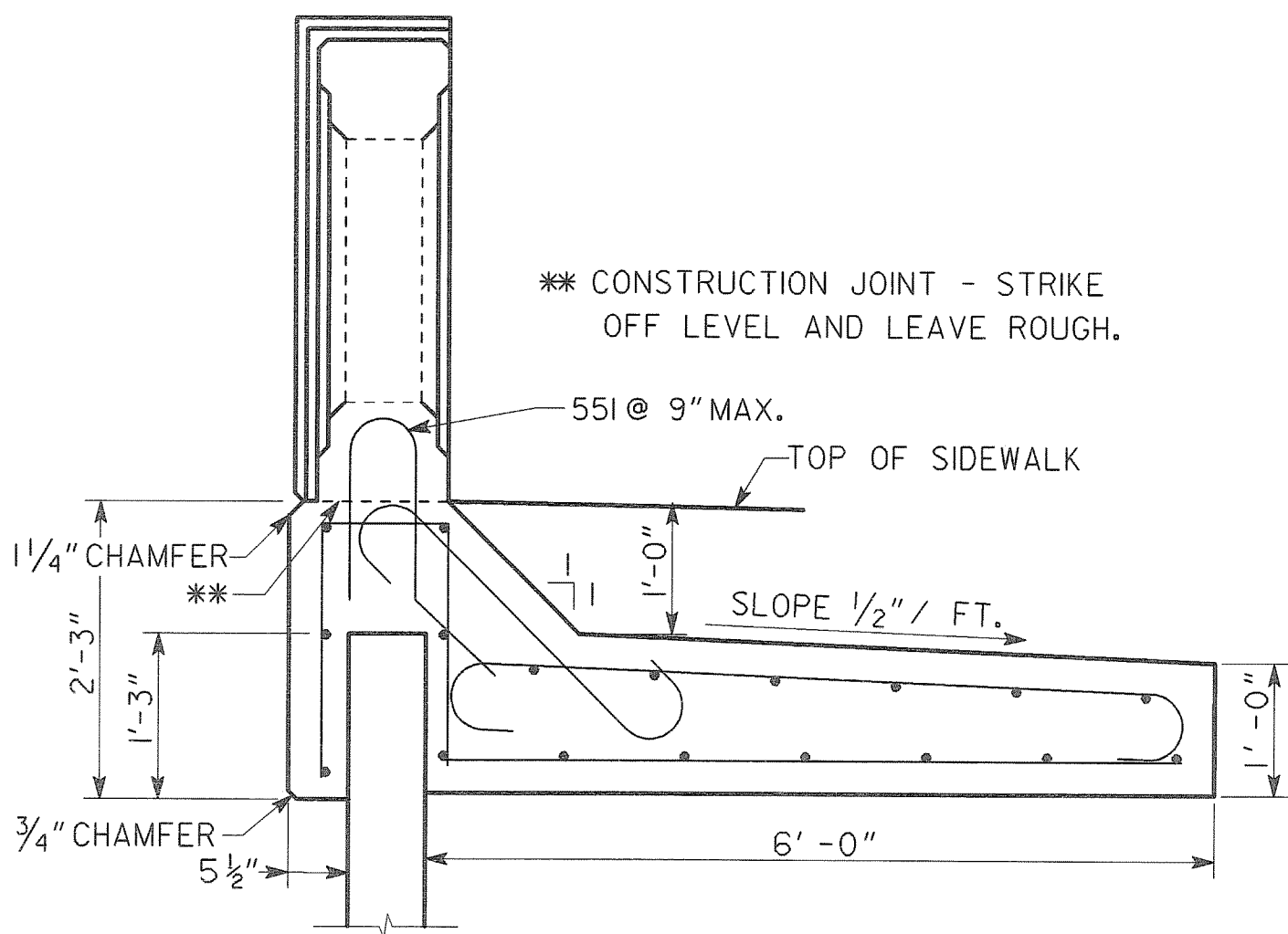
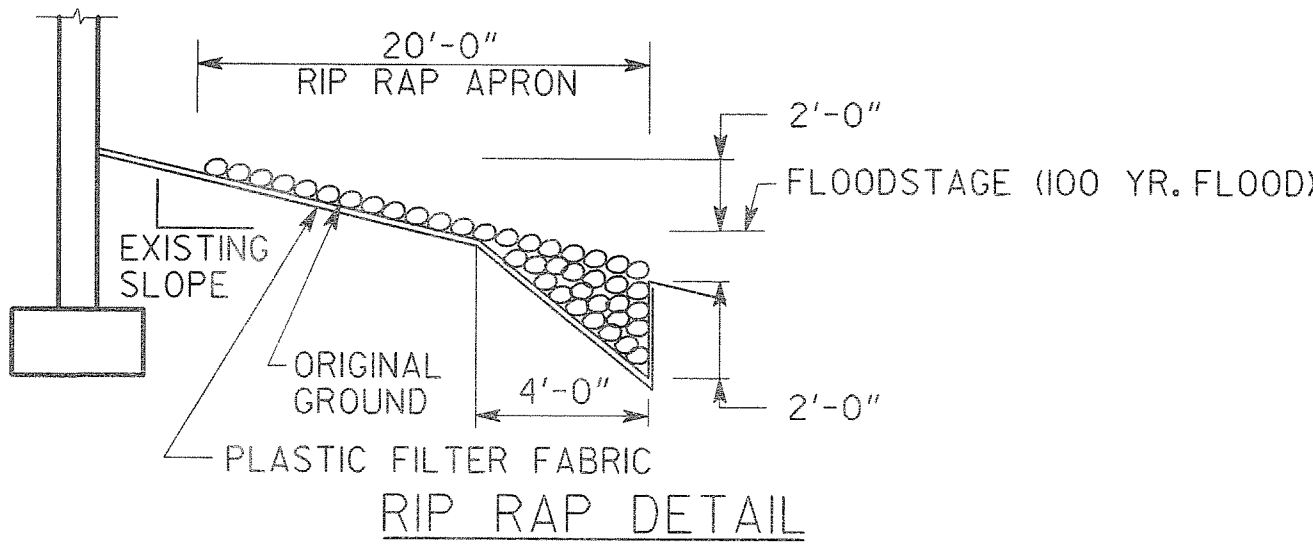
WALL PLANS - THE RETAINING WALL IS CONSIDERED A CONTRACTOR DESIGN. THESE WALL PLANS ARE CONCEPTUAL AND ARE FOR ILLUSTRATIVE PURPOSES ONLY. EXACT NUMBER OF SOIL REINFORCING STRIPS, THEIR LOCATIONS AND LENGTHS SHALL BE PROVIDED BY THE CONTRACTOR FOR THE WALL SYSTEM BID. THE PRESENCE OF THESE CONCEPTUAL PLANS IN THE CONTRACT DOCUMENTS IN NO WAY RELIEVES THE CONTRACTOR FROM PROVIDING A WALL SYSTEM WHICH PROVIDES STRUCTURAL ADEQUACY, IN ACCORDANCE WITH SECTION 627 OF THE GEORGIA DOT SPECIFICATIONS, AT THE BID PRICE.

DESIGN DATA

DESIGN DATA GIVEN IS IN ACCORDANCE WITH "AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS", FOURTH EDITION, 2007, WITH INTERMIMS THROUGH 2009.

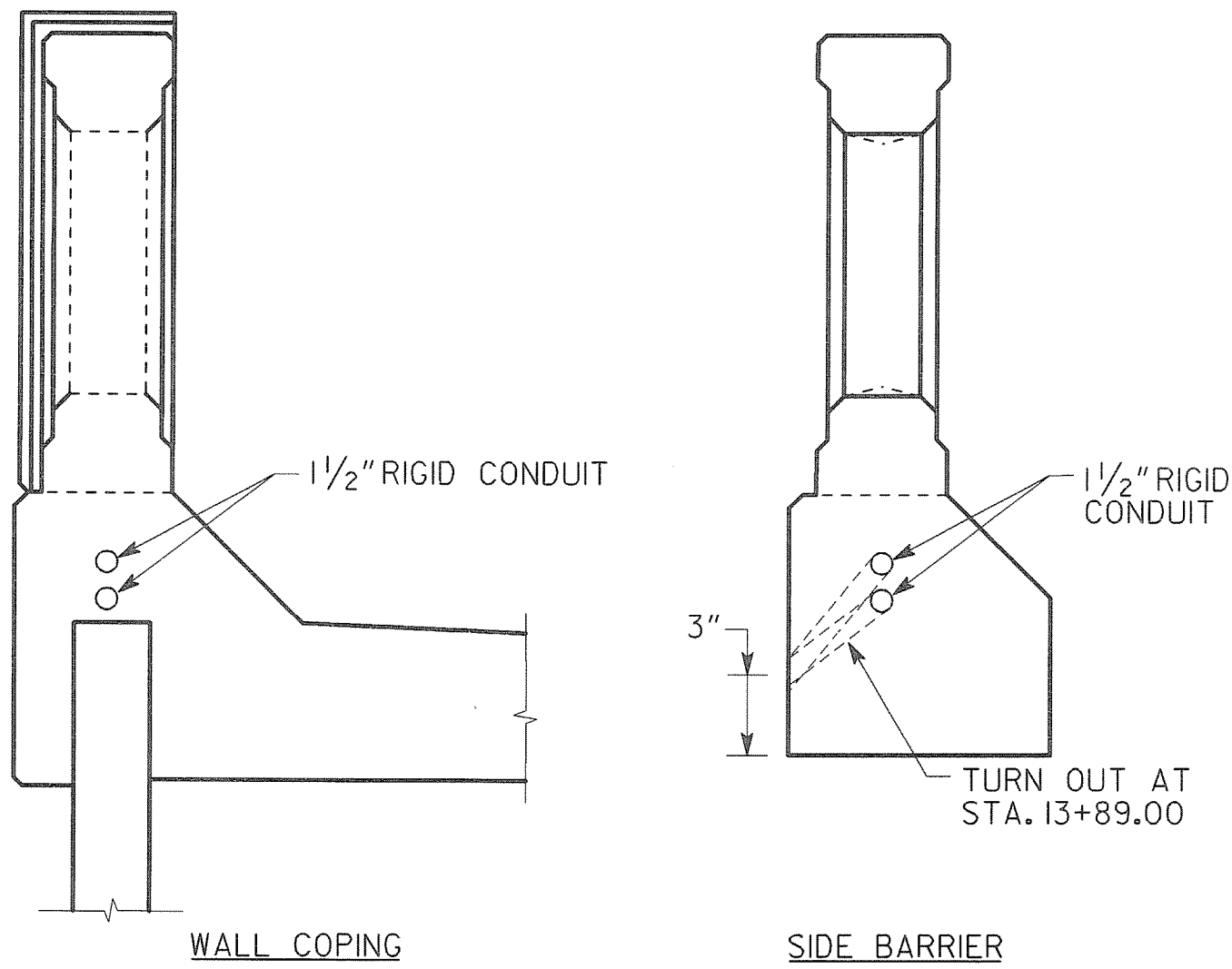
DESIGN BEARING PRESSURE ----- 2500 PSF
COHESION ----- 0 PSF
ANGLE OF INTERNAL FRICTION ----- 30°
UNIT WEIGHT ----- 115 PCF
COEFFICIENT OF SLIDING FRICTION ----- 0.38

PLACE RIP RAP AND FILTER FABRIC TO 2 FT. ABOVE 100 YR. FLOODSTAGE. WHERE THE GROUND ELEVATION AT THE WALL ELEVATION IS LOWER THAN 2 FT. ABOVE FLOODSTAGE, EXTEND RIP RAP AND FILTER FABRIC TO THE FACE OF WALL. SEE EROSION, SEDIMENT, AND POLLUTION CONTROL PLANS FOR LIMITS.



C.I.P. COPING, B
(SHOWING PARAPET AND PILASTER)

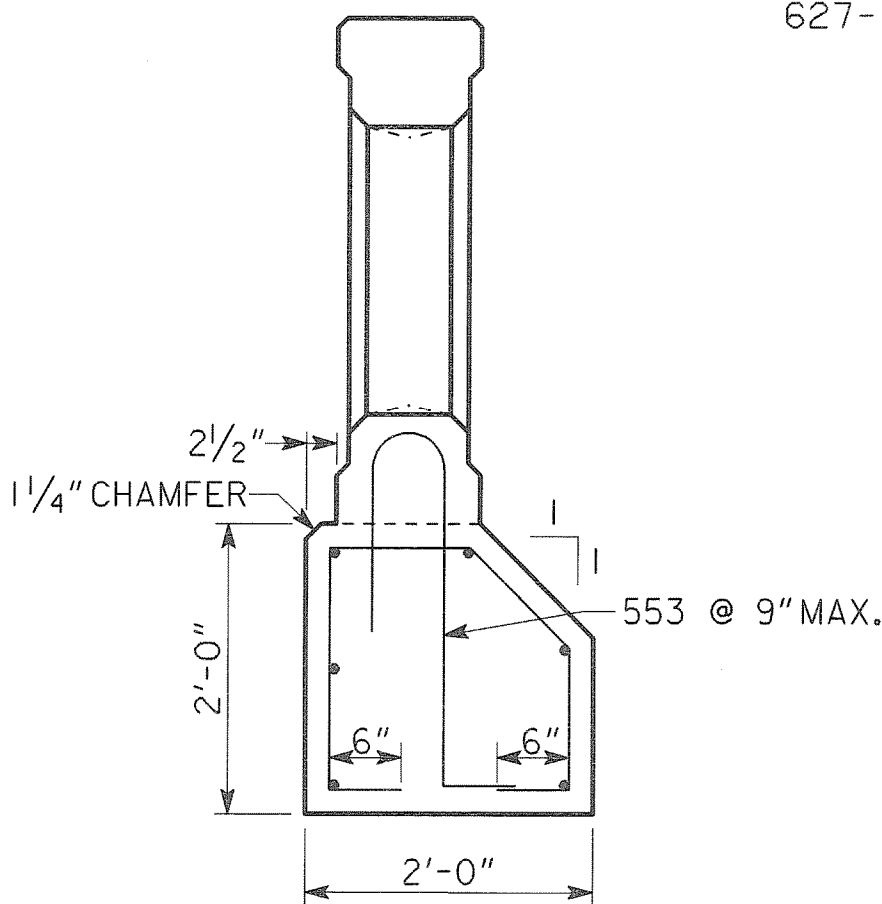
- NOTES:
- ALL REINF. NOT DESIGNATED SHALL BE #5 @ 12" OR SPACED AS SHOWN.
 - SEE DRAWING 32-004 FOR PARAPET DETAILS.



LIGHTING CONDUIT DETAILS

LIGHTING CONDUIT NOTES:

- OMIT ONE LIGHTING CONDUIT PER WALL AT WALLS 1 AND 2.
- LIGHTING CONDUIT RUNS STRAIGHT THROUGH ALL WALL COPING.
- TURN CONDUIT OUT OF SIDE BARRIERS AT STA. 13+89.00.
- RUN CONDUIT OUT OF THE ENDS OF COPING AT WALLS 3 AND 4.
- SEE SHEET SERIES 25 FOR ADDITIONAL DETAILS AND LOCATIONS.
- SEE "INTERFACE DETAIL" ON MISCELLANEOUS DETAILS SHEET 2 OF 2 FOR CONDUIT DETAILS AT COPING/ABUTMENT AND COPING/SIDE BARRIER INTERFACES.



SPECIAL DESIGN
SIDE BARRIER

- NOTES:
- SEE ROADWAY PLANS FOR SIDE BARRIER LIMITS

SUMMARY OF QUANTITIES - WALL NO. 1

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
627-1000	71	SF	MSE WALL FACE, 0-10 FT HT, WALL NO - 1
627-1010	481	SF	MSE WALL FACE, 10-20 FT HT, WALL NO - 1
627-1020	64	SF	MSE WALL FACE, 20-30 FT HT, WALL NO - 1
627-1120	90	LF	COPING B, WALL NO - 1

SUMMARY OF QUANTITIES - WALL NO. 2

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
627-1000	255	SF	MSE WALL FACE, 0-10 FT HT, WALL NO - 2
627-1010	55	SF	MSE WALL FACE, 10-20 FT HT, WALL NO - 2
627-1120	88	LF	COPING B, WALL NO - 2

SUMMARY OF QUANTITIES - WALL NO. 3

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
627-1000	120	SF	MSE WALL FACE, 0-10 FT HT, WALL NO - 3
627-1010	58	SF	MSE WALL FACE, 10-20 FT HT, WALL NO - 3
627-1120	24	LF	COPING B, WALL NO - 3

SUMMARY OF QUANTITIES - WALL NO. 4

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
627-1000	84	SF	MSE WALL FACE, 0-10 FT HT, WALL NO - 4
627-1010	153	SF	MSE WALL FACE, 10-20 FT HT, WALL NO - 4
627-1120	24	LF	COPING B, WALL NO - 4



PROJECT P.I. NOS. 0007550 AND M002960
WALL NOS. 1-4

Heath & Lineback Engineers
INCORPORATED
2380 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION - OFFICE OF BRIDGE AND STRUCTURES

GENERAL NOTES AND QUANTITIES
WALLS 1-4
CR 1297 (BROAD AVE.) OVER FLINT RIVER
DOUGHERTY COUNTY
CSHPP-0007-00(550)
CSSTP-M002-00(960)

NO SCALE NOVEMBER 2011

DRAWING NO.
32 - 001
WALL SHEET
1 OF 4

DATE
REVISIONS

DESIGNED JMO
DRAWN JMO
CHECKED RLF
DESIGN GROUP
REVIEWED
APPROVED BFR